

Title (en)

COMBUSTION CHAMBER MODULE FOR A VEHICLE HEATER

Title (de)

BRENNKAMMERBAUGRUPPE FÜR EIN FAHRZEUGHEIZGERÄT

Title (fr)

MODULE DE CHAMBRE DE COMBUSTION POUR UN DISPOSITIF DE CHAUFFAGE DE VÉHICULE

Publication

EP 3611431 B1 20231129 (DE)

Application

EP 19190686 A 20190808

Priority

- DE 102018119701 A 20180814
- DE 102018127168 A 20181031

Abstract (en)

[origin: US2020055373A1] A combustion chamber assembly unit for a fuel-operated vehicle heater includes a combustion chamber housing (14) elongated in a direction of a housing longitudinal axis (L), with a combustion chamber (16) radially outwardly bounded by a circumferential wall (18), and with a combustion chamber bottom (20) axially delimiting the combustion chamber (16). A combustion air feed volume (36) is provided that is open to the combustion chamber (16) via a plurality of passage openings (38). A cooling medium feed device (46) is provided for feeding a liquid cooling medium to the combustion air feed volume (36).

IPC 8 full level

F23D 3/40 (2006.01); **B01D 53/34** (2006.01); **B01D 53/56** (2006.01); **B01D 53/86** (2006.01); **B01D 53/94** (2006.01); **B60H 1/22** (2006.01); **F23C 99/00** (2006.01); **F23D 14/78** (2006.01); **F23J 15/00** (2006.01); **F23J 15/02** (2006.01); **F23J 15/06** (2006.01); **F23L 7/00** (2006.01)

CPC (source: CN EP US)

B60H 1/04 (2013.01 - US); **B60H 1/2203** (2013.01 - CN EP); **B60H 1/2212** (2013.01 - EP); **F01P 11/20** (2013.01 - CN); **F02F 1/10** (2013.01 - US); **F02F 1/24** (2013.01 - US); **F23C 99/008** (2013.01 - EP); **F23D 3/40** (2013.01 - CN EP); **F23J 15/003** (2013.01 - EP); **F23J 15/02** (2013.01 - CN EP); **F23J 15/06** (2013.01 - EP); **F23L 7/002** (2013.01 - EP); **B01D 53/9418** (2013.01 - EP); **B01D 2251/2067** (2013.01 - EP); **B01D 2258/012** (2013.01 - EP); **B60H 2001/2271** (2013.01 - CN EP); **B60H 2001/2281** (2013.01 - EP); **F23C 2203/30** (2013.01 - EP); **F23D 14/78** (2013.01 - EP); **F23D 2900/05002** (2013.01 - EP); **F23D 2900/21002** (2013.01 - EP); **F23J 2215/10** (2013.01 - EP); **F23J 2215/40** (2013.01 - CN); **F23J 2219/10** (2013.01 - EP); **F23L 2900/00001** (2013.01 - EP); **F23L 2900/07008** (2013.01 - EP); **F23N 2241/14** (2020.01 - EP); **Y02A 50/20** (2017.12 - EP); **Y02E 20/30** (2013.01 - EP); **Y02T 10/12** (2013.01 - EP)

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DOCDB simple family (application)

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